I Claim:

1. A method of displaying a digitally converted image comprising:

receiving a plurality of frames of digitized image data, each frame having a plurality of pixel values;

capturing at least one reference frame into a frame buffer memory; wherein the at least one reference frame is selected from the plurality of frames based on the pixel values of each of the plurality of frames; and

transmitting the at least one captured reference frame to a display object.

2. The method of claim 1, wherein the capturing comprises:

storing a first one of the plurality of frames as a first reference frame in a frame buffer memory;

iteratively comparing a subsequent one of the plurality of frames to the stored reference frame until the difference between any of the plurality of pixel values of the subsequent frame and the corresponding plurality of pixel values of the stored reference frame exceed a pre-selected threshold value; and

storing a next subsequent one of the plurality of frames as a second reference frame in the frame buffer memory.

3. The method of claim 2, wherein the pixel values comprise a numerical value for each color of each pixel.

4. The method of claim 3, wherein the difference between any of the plurality of pixel values is the difference between the numerical values for each color of each of the corresponding pixels of the compared frames.

5. The method of claim 2, wherein the difference between any of the plurality of pixel values of the compared frames exceeds a pre-selected threshold value when the absolute value of the difference is greater than the pre-selected threshold value.

6. The method of claim 3 wherein the color for each pixel includes the colors red, green, and blue.

7. An apparatus for displaying a digital image comprising:

an input for receiving a plurality of frames of digitized image data, each frame having a plurality of pixel values;

a processor for storing a first one of the plurality of frames as a first reference frame in a frame buffer memory, for iteratively comparing a subsequent one of the plurality of frames to the reference frame until the difference between any of the plurality of pixel values of the subsequent frame and the corresponding plurality of pixel values of the first reference frame exceed a pre-selected threshold value, and for storing a next subsequent one of the plurality of frames as a second reference frame in the frame buffer memory; and

an output for transmitting the stored reference frames of data in frame buffer memory to a display object.

8. The apparatus of claim 7, wherein the pixel values comprise a numerical value for each of a plurality of colors of each pixel.

9. The apparatus of claim 8, wherein the plurality of colors for each pixel includes red, green, and blue.

10. The apparatus of claim 8, wherein the difference between any of the plurality of pixel values is the difference between the numerical value for each of the plurality of colors for each of the corresponding pixels of the compared frames.

11. The apparatus of claim 8, wherein the difference between any of the plurality of pixel values of the compared frames exceeds a pre-selected threshold value when the absolute value of the difference is greater than the pre-selected threshold value.

12. A digital image display process comprising:

storing a first frame of data in a reference frame memory, the first frame of data having a plurality of pixel values;

comparing a subsequent frame of data to the frame of data in reference frame memory until the difference between any of the pixel values of the subsequent frame and the corresponding pixel values of the frame of data in reference frame memory exceed a pre-selected threshold value;

storing a next subsequent frame of data in a reference frame memory; and

transmitting the stored frames of data in reference frame memory to a display object.

13. The process of claim 12, wherein the difference between any of the pixel values is the difference between a numerical value for each color of each of the corresponding pixels of the compared frames.

14. The process of claim 13, wherein the difference between any of the pixel values of the compared frames exceeds a pre-selected threshold value when the absolute value of the difference is greater than the pre-selected threshold value.

15. A computer-readable medium having computer-executable instructions for performing:

generating from an analog signal a plurality of frames of digitized image data, each frame having a plurality of pixel values;

storing a first one of the plurality of frames as a reference frame in a frame buffer memory;

iteratively comparing a subsequent one of the plurality of frames to the reference frame until the difference between any of the plurality of pixel values of the subsequent frame and the corresponding plurality of pixel values of the reference frame exceed a pre-selected threshold value; and

storing a next subsequent one of the plurality of frames as a reference frame in the frame buffer memory; and

transmitting the stored reference frames of data in frame buffer memory to a display object.

16. A method of displaying a digitally converted image comprising:

generating from an analog signal a plurality of frames of digitized image data, each frame having a plurality of pixel values;

selecting at least one the plurality of frames for display to a display object, wherein the at least one frame is selected by:

storing a first one of the plurality of frames in a reference frame memory;

iteratively comparing a subsequent one of the plurality of frames to the reference frame memory until the difference between any of the plurality of pixel values of the subsequent frame and the corresponding plurality of pixel values of the reference frame memory exceed a pre-selected threshold value; and

storing a next subsequent one of the plurality of frames in the reference frame memory; and

transmitting the stored frames of data in the reference frame memory to the display object.